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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/846,781	05/02/2001	Steven J. Hulai	92509-3	4596
22463	7590	06/29/2006	EXAMINER	
SMART AND BIGGAR 438 UNIVERSITY AVENUE SUITE 1500 BOX 111 TORONTO, ON M5G2K8 CANADA			LE, DEBBIE M	
			ART UNIT	PAPER NUMBER
			2168	
DATE MAILED: 06/29/2006				

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/846,781	Applicant(s) HULAI ET AL.	
	Examiner DEBBIE M. LE	Art Unit 2168	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 11 April 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-16 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Amendment

Applicant's arguments filed on April 11, 2006. Claims 1-16 are pending for examinations.

Specification

Applicant is reminded of the proper language and format for an abstract of the disclosure.

The abstract is objected because it contains legal phraseology often used in patent claims, such as "means" and "said," should be avoided (see Applicants's abstract, for example, line 10, respectively).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein

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were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

Claims 1-16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Paul (US Patent 7,051,080 B1) in view of Owen et al (US Patent Application Publication no. 2005/0014494 A1).

As per claim 1, Paul discloses a method of presenting data from an application executing at a computing device at a remote wireless device, comprising:

receiving at said wireless device, a representation of a text file defining (as XML document, col. 28, lines 33-40):

a format of a user interface for the application at said wireless device (col. 6, lines 53-67, col. 7, lines 1-10);

a format for storing data related to said application at said wireless device (col. 10, lines 10-35);

receiving data from said application in accordance with said format of network transactions, and presenting said data at said wireless device using said user interface (col. 2, lines 43-64, col. 8, lines 43-62).

Paul does not explicitly teach a representation of a text file defining: a format of network messages for exchange of data generated by said application. However, Owen

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discloses a representation of a text file defining: a format of network messages for exchange of data generated by said application (as receiving a processed XML document from data server, and processing (i.e., parsing) XML documents on a wireless mobile device, wherein determining whether the XML document is associated with a referenced document definition, a code book is stored in a code book cache, if not, requesting the code book from the data server (pargs. 0012, 0017, 0078). Thus, it would have been obvious to one of ordinary skill on the art at the time invention was made to combine the teachings of the cited references to provide a representation of a text file defining a format of network messages for exchange of data as disclosed by Owen, because it enables Wang's system easily to remain a need for universal XML support on mobile communication devices which is not restricted to any particular encoding scheme sot that XML enabled applications are independent of a particular XML type and its encoding scheme. Furthermore, Owen's system would also provide a need for supporting XML on mobile devices which support new XML document types without need to change the software code on the devices.

As per claim 2, Paul teaches wherein said text file is received at said device and wherein said text file is an XML file (col. 28, lines 32-40).

As per claim 3, Paul teaches wherein said text file is parsed, and a representation of said text file is stored at said device (col. 9, lines 33-35, col. 10, lines 10-35).

As per claim 4, Paul teaches storing data generated by said

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application at said wireless device using said format for storing data (col. 10, lines 10-35).

As per claim 5, Paul teaches the text file defines screens, events arising in response to interaction with said screens, and actions for processing said events (col. 2, lines 38-62).

As per claim 6, Owen teaches wherein said format of network messages comprises XML definitions for said network messages, and wherein data for said application are dispatched from said mobile device using said XML definitions ((col. 14, lines 20-40).

As per claim 7, Paul discloses a wireless mobile device (Fig. 1, # 101) comprising

a processor, computer readable memory in communication with said processor, storing virtual machine software controlling operation of said device (Fig. 1, # 110) said virtual machine software comprising:

a parser for receiving a text file (Fig. 1, # 112, col. 9, lines 32-35);

a screen generation engine, for presenting at least one screen at said device in accordance with said text file (col. 6, lines 63-67, col. 7, lines 1-10);

an event handler for processing events arising in response to interaction with said at least one screen in accordance with said text file (col. 6, lines 41-60);

object classes corresponding to actions to be taken by said in response to interaction with said at least one screen (col. 10, lines 51-67);

an object class corresponding to a data table for storing data at said wireless mobile device (col. 10, lines 8-35);

an object class corresponding to a network message to be received or transmitted by said wireless mobile device (col. 28, lines 42-62).

As per claim 8, Paul teaches wherein said memory further stores a representation of said text file (col. 11, lines 52-65).

As per claim 9, Paul teaches wherein said representation of said text file is created by said parser (col. 8, lines 23-35).

As per claim 10, Paul teaches wherein said parser comprises an XML parser (col. 9, lines 33-35).

As per claim 11, Paul teaches wherein said object classes corresponding to action to be taken comprise object classes that present screen elements at said device (col. 2, lines 60-64, col. 11, lines 12-48).

As per claim 12, Paul teaches object classes enabling exchange of data between said wireless device and a computing device over a network, wherein said data is formatted in accordance with definitions within said text file (col. 14, lines 20-40).

Claim 13 is rejected by the same rationale as state in independent claim 1 arguments.

Claims 14-16 have similar limitations as claims 2-6; therefore, they are rejected under the same subject matter.

Response to Arguments

Applicant's arguments, filed on 4/11/06, have been fully considered and are persuasive. Therefore, the rejection has been withdrawn. However, upon further consideration, a new ground(s) of rejection is made in view of Paul (US Patent 7,051,00 B1) in view of Owen et al (US Patent Application Publication no. 2005/0014494 A1).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to DEBBIE M. LE whose telephone number is (571) 272-4111. The examiner can normally be reached on 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tim Vo can be reached on (571) 272-3642. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>.

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Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

A handwritten signature in black ink, appearing to read 'DL', with a long horizontal line extending from the end of the signature.

DEBBIE LE
PRIMARY EXAMINER

June 25, 2006